



**TREATMENT:
PHEROMONE FLAKES**

Type of product

Mating disruptor.

**What pheromone flakes
look like**

They are flat, green, flake-like pieces baited with synthetic female moth pheromone, the scent that attracts male moths. The flakes are very small—about 1/8 inch by 1/16 inch—about the size of a grain of rice.

**How pheromone flakes
work**

The scent of the female moth floods the area and confuses male gypsy moths so they cannot find females. Because the gypsy moths are at the end of their life cycle, they die without mating. The flakes do not kill the moths; they just carry the scent and prevent reproduction.

**What pheromone flakes
affect**

Because the flakes carry the scent of the female gypsy moth, only male gypsy moths are affected by pheromone flakes.

Application rate

A 1/4 to a 1/2 cup of flakes per acre is applied, which is equivalent to one to two flakes per square foot of leaf canopy. The flakes are so small and applied at an extremely low rate that they are not very noticeable.

Application timing

One application from late June to the end of July, just before the moths emerge from their cocoons. Applications start in southern Wisconsin.

Application method

It is applied by airplane. The flakes are mixed with an adhesive material, similar to white school glue, so flakes stick to tree leaves.

Spraying program

The current year's spray program information, including maps of the proposed spray sites, is available online starting in February at www.gypsymoth.wi.gov. Information is also available by calling 1-800-642-MOTH or by emailing gypsymoth@wisconsin.gov.

**Why we use
pheromone flakes**

- The pheromone is detectable only to gypsy moths; no other species are impacted.
- Used where endangered or threatened species of butterflies and moths are feeding during spray season.
- Flakes are only effective in areas with low gypsy moth populations.

***For more information, call 1-800-642-MOTH
or visit Wisconsin Gypsy Moth on the Web at <http://gypsymoth.wi.gov>***